Anti-Armor Systems in the Urban Environment

Firing from Inside a Building

- Must be of sturdy construction
  - 7 feet high ceiling
  - Floors should be 15ft X 15ft
  - Need 20 square feet room ventilation
  - 7 by 3 foot door is sufficient
- Remove all glass
- Stay forward of rear of launcher
- Wear hearing protection
- Provide support for the crew to egress the building.

Backblast Consideration outdoor

- Loose rubble and debris
- 90 degree fan for 90 meters to the rear
- Debris should be cleared for 30 meters

Backblast Considerations Indoor

- Hearing damage
- Overpressure not a factor to the gunner
- Room should be 7 feet high and a floor size of 15 X 12 feet
- 20 square feet of ventilation to the rear and sides of weapon
- Wetting the floor will minimize signature

Summary

- Provides anti-mechanized support to infantry units
- Employment affected by:
  - Dead space
  - Range
  - Obstacles